

Michigan Behavioral Risk Factor Surveillance System

Selected Tables from the 1996 Survey

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517-335-9080**

TABLE 1
Health Care Access Indicators
Michigan Adults, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	Had Health Care Coverage Age 18-64 ¹	All or Most Prescription Covered ²	Restrictive Health Care Arrangement ³	Increased "Out-of-Pocket" Expenses ⁴	Cost Prevented Visit ⁵
TOTAL	89.6 ± 1.0	68.0 ± 2.1	58.9 ± 2.2	25.4 ± 2.0	8.8 ± 1.2
AGE					
18-24 Years	80.9 ± 3.6	83.0 ± 5.9	73.5 ± 6.9	13.0 ± 5.3	16.0 ± 4.8
25-34 Years	88.3 ± 2.2	71.0 ± 4.4	77.2 ± 4.3	26.6 ± 4.2	11.1 ± 2.9
35-44 Years	91.4 ± 1.8	72.5 ± 4.3	66.3 ± 4.2	26.9 ± 4.4	8.5 ± 2.3
45-54 Years	92.2 ± 1.9	71.3 ± 4.8	54.0 ± 5.3	29.2 ± 4.9	7.2 ± 2.5
55-64 Years	95.2 ± 1.8	64.9 ± 6.3	49.7 ± 6.5	24.4 ± 5.7	4.7 ± 2.3
65-74 Years	- -	51.0 ± 7.1	27.5 ± 6.6	24.7 ± 5.9	3.6 ± 2.5
75+ Years	- -	46.5 ± 8.6	35.5 ± 9.1	31.7 ± 7.6	4.5 ± 4.0
GENDER					
Male	89.1 ± 1.5	71.3 ± 3.2	61.3 ± 3.4	24.0 ± 3.0	6.7 ± 1.6
Female	90.1 ± 1.4	65.2 ± 2.8	56.8 ± 3.0	26.7 ± 2.6	10.6 ± 1.7
RACE					
White	90.4 ± 1.1	67.1 ± 2.3	56.4 ± 2.4	26.0 ± 2.1	8.0 ± 1.3
African American	86.4 ± 3.5	74.4 ± 6.1	74.1 ± 6.2	20.9 ± 5.7	12.4 ± 4.1
EDUCATION					
Less than H.S.	77.3 ± 5.1	63.2 ± 7.3	57.1 ± 7.3	22.5 ± 6.1	15.3 ± 4.6
H.S. Graduate	87.3 ± 1.9	62.9 ± 3.8	57.1 ± 3.9	24.2 ± 3.3	9.4 ± 2.2
Some College	91.1 ± 1.7	72.5 ± 3.7	63.6 ± 4.0	26.2 ± 3.7	8.6 ± 2.1
College Graduate	94.5 ± 1.5	71.7 ± 3.8	56.4 ± 4.4	27.6 ± 3.8	5.0 ± 1.8
HOUSEHOLD INCOME					
<\$10,000	73.6 ± 7.1	78.9 ± 7.9	49.4 ± 11.5	21.9 ± 8.7	22.1 ± 7.8
\$10,000-19,999	74.3 ± 4.5	62.5 ± 6.3	51.8 ± 7.0	20.7 ± 5.1	17.0 ± 4.4
\$20,000-34,999	85.2 ± 2.4	63.7 ± 4.4	58.2 ± 4.5	26.6 ± 3.9	10.9 ± 2.6
\$35,000-50,000	93.4 ± 1.9	69.8 ± 4.9	64.8 ± 5.0	26.1 ± 4.7	8.4 ± 2.9
>\$50,000	97.6 ± 0.9	75.5 ± 3.6	60.4 ± 3.9	26.2 ± 3.7	2.1 ± 1.1

¹ Proportion of respondents age 18-64 who reported they had any kind of health care coverage.

² Proportion of insured respondents who reported that their health insurance paid for all or most of the cost of prescription medicine.

³ Proportion of insured respondents who reported either: (1) a list or book of doctors associated with their plan or (2) having to select a certain doctor or clinic for all of their routine care.

⁴ Proportion of insured respondents who reported that their "out-of-pocket" expenses for medical care had increased in the last year. "Don't Knows" were considered valid responses to this question.

⁵ Proportion of respondents who reported that there was a time during the previous 12 months when they needed to see a doctor but could not because of the cost.

TABLE 2 Medical Care Indicators Michigan Adults, 1996 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Routine Checkup in Last Year ¹	Had Usual Source of Medical Care ²
TOTAL	71.6 ± 1.9	87.9 ± 1.4
AGE		
18-24 Years	68.1 ± 6.1	83.6 ± 5.2
25-34 Years	63.2 ± 4.7	82.7 ± 3.4
35-44 Years	65.3 ± 4.1	88.9 ± 3.0
45-54 Years	70.9 ± 4.6	90.4 ± 3.0
55-64 Years	78.9 ± 5.2	92.8 ± 3.3
65-74 Years	87.5 ± 4.5	93.1 ± 3.4
75+ Years	91.9 ± 5.2	88.8 ± 5.1
GENDER		
Male	61.4 ± 3.2	84.1 ± 2.4
Female	80.6 ± 2.3	91.3 ± 1.6
RACE		
White	70.1 ± 2.2	88.2 ± 1.5
African American	84.1 ± 4.9	87.8 ± 4.5
EDUCATION		
Less than High School	74.5 ± 5.8	89.1 ± 4.0
High School Graduate	71.8 ± 3.4	87.9 ± 2.4
Some College	71.2 ± 3.6	87.9 ± 2.7
College Graduate	70.2 ± 3.9	87.3 ± 2.8
HOUSEHOLD INCOME		
<\$10,000	80.9 ± 7.3	86.8 ± 6.8
\$10,000-19,999	78.9 ± 5.1	87.1 ± 3.8
\$20,000-34,999	71.6 ± 3.9	86.3 ± 3.0
\$35,000-50,000	70.8 ± 4.6	85.8 ± 3.7
>\$50,000	68.3 ± 3.7	90.3 ± 2.5
¹ Proportion of respondents who reported that they had had a routine checkup within the past year. ² Proportion of respondents who reported that they have somewhere they usually go when they need medical care.		

TABLE 3
Dental Care Indicators
Michigan Adults, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	No Dental Care in Past Year ¹	No Dental Insurance ²	Six or More Teeth Removed ³
TOTAL	27.0 ± 1.9	31.6 ± 2.0	20.4 ± 1.7
AGE			
18-24 Years	27.9 ± 5.7	36.3 ± 6.2	na na ⁴
25-34 Years	30.0 ± 4.4	28.9 ± 4.4	2.7 ± 1.5
35-44 Years	21.4 ± 3.6	23.3 ± 3.7	11.7 ± 3.0
45-54 Years	21.4 ± 4.2	21.4 ± 4.1	25.0 ± 4.6
55-64 Years	23.4 ± 5.4	29.6 ± 5.6	42.1 ± 6.3
65-74 Years	38.1 ± 6.7	49.8 ± 7.1	51.8 ± 7.2
75+ Years	34.7 ± 8.4	60.5 ± 9.0	54.3 ± 9.1
GENDER			
Male	26.9 ± 2.9	29.3 ± 3.0	18.7 ± 2.6
Female	24.5 ± 2.0	33.7 ± 2.7	21.9 ± 2.3
RACE			
White	24.5 ± 2.0	32.0 ± 2.2	18.9 ± 1.8
African American	42.4 ± 6.5	29.3 ± 6.1	29.7 ± 6.0
EDUCATION			
Less than High School	50.8 ± 6.4	47.9 ± 6.5	44.7 ± 6.5
High School Graduate	30.2 ± 3.4	35.7 ± 3.5	25.3 ± 3.2
Some College	23.7 ± 3.4	27.5 ± 3.6	15.7 ± 3.0
College Graduate	14.6 ± 3.0	22.9 ± 3.6	7.5 ± 2.3
HOUSEHOLD INCOME			
<\$10,000	52.0 ± 9.5	53.0 ± 9.6	34.5 ± 9.1
\$10,000-19,999	50.7 ± 6.1	55.1 ± 6.1	39.6 ± 6.1
\$20,000-34,999	29.9 ± 3.9	38.6 ± 4.1	22.1 ± 3.5
\$35,000-50,000	22.1 ± 4.2	24.3 ± 4.4	15.8 ± 3.8
>\$50,000	14.3 ± 2.8	15.2 ± 2.8	11.6 ± 2.6

¹ Proportion of respondents who reported no dental visit within the past year.

² Proportion of respondents who reported no dental insurance coverage.

³ Proportion of respondents who reported the removal of six or more permanent teeth because of tooth decay or gum disease.

⁴ Confidence interval (95%) exceeds range of possible estimates.

TABLE 4
Health Status Indicators
Michigan Adults, 1996
(percentages and means, with 95% confidence interval limits)

Demographic Characteristics	General Health Fair or Poor ¹ (in percent)	Physical Health Not Good ² (mean days)	Mental Health Not Good ³ (mean days)	Limited Activity ⁴ (mean days)	Good Health Days ⁵ (mean days)
TOTAL	13.1 ± 1.0	2.8 ± 0.3	3.3 ± 0.3	1.6 ± 0.2	24.4 ± 0.4
AGE					
18-24 Years	8.8 ± 2.7	1.6 ± 0.5	4.5 ± 0.9	0.8 ± 0.3	24.1 ± 1.1
25-34 Years	5.0 ± 1.3	1.7 ± 0.5	3.9 ± 0.7	1.2 ± 0.5	24.7 ± 0.9
35-44 Years	8.5 ± 1.8	2.3 ± 0.5	3.7 ± 0.6	1.7 ± 0.5	24.5 ± 0.8
45-54 Years	12.2 ± 2.3	3.7 ± 0.8	2.9 ± 0.6	2.1 ± 0.7	24.0 ± 1.0
55-64 Years	20.1 ± 3.6	3.0 ± 1.0	1.8 ± 0.7	1.0 ± 0.5	25.8 ± 1.1
65-74 Years	24.9 ± 4.1	5.0 ± 1.3	3.0 ± 1.1	2.7 ± 1.0	23.3 ± 1.6
75+ Years	33.6 ± 5.5	4.6 ± 1.6	2.1 ± 0.8	2.5 ± 1.2	24.1 ± 1.7
GENDER					
Male	11.6 ± 1.5	2.1 ± 0.4	2.5 ± 0.4	1.2 ± 0.3	25.6 ± 0.6
Female	14.4 ± 1.4	3.4 ± 0.4	4.1 ± 0.5	2.0 ± 0.3	23.3 ± 0.6
RACE					
White	12.0 ± 1.1	2.7 ± 0.3	3.1 ± 0.3	1.5 ± 0.3	24.6 ± 0.4
African American	17.6 ± 3.5	3.5 ± 1.0	4.5 ± 1.1	2.1 ± 0.8	23.0 ± 1.4
EDUCATION					
Less than H.S.	31.4 ± 4.3	5.3 ± 1.3	4.4 ± 1.1	3.1 ± 1.0	21.5 ± 1.5
H.S. Graduate	14.5 ± 1.8	3.3 ± 0.5	3.9 ± 0.6	1.7 ± 0.4	23.5 ± 0.7
Some College	9.6 ± 1.6	2.2 ± 0.5	3.2 ± 0.5	1.4 ± 0.4	25.1 ± 0.7
College Graduate	5.9 ± 1.5	1.8 ± 0.5	2.3 ± 0.5	1.0 ± 0.4	26.1 ± 0.6
HOUSEHOLD INCOME					
<\$10,000	33.2 ± 6.2	6.5 ± 2.0	8.8 ± 2.4	5.7 ± 1.9	17.5 ± 2.6
\$10,000-19,999	26.8 ± 3.7	4.5 ± 1.1	4.6 ± 1.0	2.7 ± 0.9	22.3 ± 1.3
\$20,000-34,999	14.2 ± 2.1	3.2 ± 0.6	3.4 ± 0.6	1.7 ± 0.5	23.8 ± 0.8
\$35,000-50,000	8.7 ± 2.0	2.3 ± 0.6	3.4 ± 0.7	1.4 ± 0.5	24.8 ± 0.9
>\$50,000	4.9 ± 1.3	1.7 ± 0.4	2.2 ± 0.4	0.8 ± 0.3	26.3 ± 0.6

¹ Proportion of respondents who said that their health, in general, was fair or poor.

² Mean number of days during the past 30 days in which physical health (including illness and injury) was not good.

³ Mean number of days during the past 30 days in which mental health (including stress, depression, and problems with emotions) was not good.

⁴ Mean number of days during the past 30 days in which poor physical or mental health kept respondent from doing usual activities, such as self-care, work, or recreation.

⁵ The good health days index was calculated by subtracting the sum of "not good" physical health days and "not good" mental health days from 30, with the restriction that the number of "good health days" could not be less than zero. This index assumed minimal overlap of reported "not good" physical and mental health days.

TABLE 5
High Blood Pressure Indicators
Michigan Adults, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	Ever Told High Blood Pressure ¹	Taking Action to Control Blood Pressure ²	High Last Time Checked ³
TOTAL	23.8 ± 1.8	87.0 ± 3.0	26.6 ± 3.9
AGE			
18-24 Years	6.6 ± 3.3	81.9 ± 16.8	29.1 ± 24.5
25-34 Years	12.1 ± 3.0	71.3 ± 12.2	39.2 ± 13.6
35-44 Years	18.3 ± 3.6	79.2 ± 9.0	30.8 ± 10.3
45-54 Years	27.6 ± 4.6	92.7 ± 5.2	25.0 ± 8.6
55-64 Years	39.5 ± 6.3	90.2 ± 7.0	31.5 ± 9.6
65-74 Years	38.9 ± 6.5	92.0 ± 6.4	21.1 ± 8.7
75+ Years	53.2 ± 8.1	92.4 ± 5.5	12.8 ± 7.2
GENDER			
Male	24.0 ± 2.8	83.8 ± 5.1	28.9 ± 6.1
Female	23.6 ± 2.4	90.1 ± 3.5	24.4 ± 5.0
RACE			
White	23.2 ± 1.9	87.0 ± 3.3	26.6 ± 4.3
African American	29.1 ± 5.9	86.9 ± 8.8	27.9 ± 10.7
EDUCATION			
Less than High School	43.0 ± 6.8	89.6 ± 6.8	19.1 ± 8.7
High School Graduate	25.0 ± 3.2	88.4 ± 4.9	30.0 ± 6.8
Some College	21.6 ± 3.2	86.1 ± 5.9	30.3 ± 7.8
College Graduate	16.5 ± 3.1	82.3 ± 8.0	22.5 ± 8.4
HOUSEHOLD INCOME			
<\$10,000	34.2 ± 9.2	96.0 ± 4.5	35.8 ± 15.7
\$10,000-19,999	34.6 ± 5.5	90.3 ± 5.9	28.7 ± 9.6
\$20,000-34,999	24.0 ± 3.6	86.3 ± 6.1	22.0 ± 7.1
\$35,000-50,000	17.6 ± 3.8	90.1 ± 6.4	36.6 ± 11.6
>\$50,000	19.6 ± 3.4	81.4 ± 7.9	26.6 ± 8.6

¹ Proportion of respondents who reported that they had ever been told by a health professional that their blood pressure was high.

² Of respondents who had ever been told that their blood pressure was high, the proportion who reported they were taking steps (dieting to lose weight, using less salt, drinking less alcohol, exercising, or taking medicine prescribed by a doctor) to control their high blood pressure.

³ Of respondents who had ever been told that their blood pressure was high, the proportion who reported that their blood pressure was still high the last time it was checked.

TABLE 6 Cholesterol Indicators Michigan Adults, 1996 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Cholesterol Ever Checked ¹	Ever Told Cholesterol was High ²
TOTAL	78.5 ± 1.8	30.1 ± 2.2
AGE		
18-24 Years	48.4 ± 7.0	9.1 ± 6.0
25-34 Years	67.7 ± 4.3	17.5 ± 4.2
35-44 Years	78.4 ± 3.8	23.0 ± 4.4
45-54 Years	90.9 ± 2.9	34.9 ± 5.2
55-64 Years	94.1 ± 2.9	50.0 ± 6.7
65-74 Years	92.7 ± 3.5	40.0 ± 6.8
75+ Years	91.1 ± 4.2	41.2 ± 8.4
GENDER		
Male	76.1 ± 2.8	29.9 ± 3.5
Female	80.5 ± 2.4	30.3 ± 2.9
RACE		
White	78.9 ± 2.0	29.6 ± 2.4
African American	78.0 ± 5.8	35.0 ± 7.2
EDUCATION		
Less than High School	76.4 ± 5.9	39.2 ± 7.8
High School Graduate	77.6 ± 3.2	33.1 ± 3.9
Some College	76.0 ± 3.6	27.6 ± 4.1
College Graduate	83.7 ± 3.2	25.5 ± 4.0
HOUSEHOLD INCOME		
<\$10,000	73.4 ± 9.3	36.6 ± 10.8
\$10,000-19,999	69.6 ± 5.5	35.8 ± 6.7
\$20,000-34,999	78.2 ± 3.5	30.4 ± 4.5
\$35,000-50,000	77.1 ± 4.4	26.4 ± 5.1
>\$50,000	83.2 ± 3.2	27.4 ± 4.0
¹ Proportion of respondents who reported ever having had their cholesterol checked. ² Of respondents who had ever had their cholesterol checked, the proportion who had been told by a health professional that their cholesterol was high.		

TABLE 7 Diabetes Indicator Michigan Adults, 1996 (in percentages with 95% confidence interval limits)	
Demographic Characteristics	Ever Told Have Diabetes ¹
TOTAL	5.3 ± 0.7
AGE	
18-24 Years	1.4 ± 1.2
25-34 Years	1.1 ± 0.7
35-44 Years	2.0 ± 1.0
45-54 Years	6.1 ± 1.7
55-64 Years	12.2 ± 2.9
65-74 Years	13.0 ± 3.1
75+ Years	11.9 ± 3.6
GENDER	
Male	4.9 ± 1.0
Female	5.6 ± 0.9
RACE	
White	5.0 ± 0.7
African American	7.2 ± 2.1
EDUCATION	
Less than High School	11.1 ± 2.8
High School Graduate	5.5 ± 1.2
Some College	3.9 ± 1.0
College Graduate	4.0 ± 1.2
HOUSEHOLD INCOME	
<\$10,000	13.3 ± 4.4
\$10,000-19,999	10.6 ± 2.5
\$20,000-34,999	4.7 ± 1.2
\$35,000-50,000	3.7 ± 1.4
>\$50,000	3.1 ± 1.0
¹ Proportion of respondents who reported that they had ever been told by a doctor that they had diabetes (gestational diabetes excluded).	

TABLE 8
Cigarette Smoking Status
Michigan Adults, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	Current Smoker ¹	Former Smoker ²	Never Smoker
TOTAL	25.6 ± 1.3	25.9 ± 1.3	48.5 ± 1.5
AGE			
18-24 Years	32.3 ± 4.4	9.1 ± 2.6	58.7 ± 4.6
25-34 Years	30.1 ± 3.0	13.8 ± 2.3	56.2 ± 3.3
35-44 Years	30.0 ± 2.9	25.5 ± 2.8	44.5 ± 3.1
45-54 Years	24.8 ± 3.1	33.4 ± 3.4	41.8 ± 3.5
55-64 Years	22.1 ± 3.7	38.8 ± 4.4	39.1 ± 4.4
65-74 Years	15.2 ± 3.4	42.0 ± 4.8	42.8 ± 4.8
75+ Years	5.3 ± 2.9	33.9 ± 5.7	60.8 ± 5.9
GENDER			
Male	27.7 ± 2.1	30.6 ± 2.1	41.8 ± 2.3
Female	23.8 ± 1.7	21.7 ± 1.6	54.5 ± 2.0
RACE			
White	26.2 ± 1.5	27.0 ± 1.5	46.9 ± 1.6
African American	22.1 ± 3.8	21.1 ± 3.8	56.8 ± 4.6
EDUCATION			
Less than High School	36.1 ± 4.5	28.0 ± 4.2	35.9 ± 4.5
High School Graduate	31.2 ± 2.4	25.7 ± 2.3	43.1 ± 2.6
Some College	25.5 ± 2.4	25.4 ± 2.5	49.2 ± 2.8
College Graduate	12.7 ± 2.0	26.4 ± 2.7	60.9 ± 2.9
HOUSEHOLD INCOME			
<\$10,000	33.4 ± 6.5	22.1 ± 5.6	44.5 ± 6.9
\$10,000-19,999	31.9 ± 3.9	24.5 ± 3.6	43.6 ± 4.2
\$20,000-34,999	29.6 ± 2.7	23.7 ± 2.5	46.7 ± 3.0
\$35,000-50,000	27.9 ± 3.2	26.2 ± 3.1	45.9 ± 3.6
>\$50,000	19.1 ± 2.3	29.3 ± 2.6	51.6 ± 2.9

¹ Proportion of respondents who affirmed that they had ever smoked at least 100 cigarettes in their life and that they smoke cigarettes now.

² Proportion of respondents who affirmed that they had ever smoked at least 100 cigarettes in their life but that they do not smoke cigarettes now.

TABLE 9
Tobacco Use Indicators
Michigan Adults Who Currently Smoke Cigarettes, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	1-19 Cigarettes Per Day	20-39 Cigarettes Per Day	40+ Cigarettes Per Day	Mean Number of Cigarettes Per Day
TOTAL	52.2 ± 3.0	40.9 ± 2.9	6.9 ± 1.5	16.9 ± 0.6
AGE				
18-24 Years	67.0 ± 7.6	30.1 ± 7.4	2.9 ± 2.7	13.5 ± 1.5
25-34 Years	56.1 ± 5.9	39.7 ± 5.9	4.2 ± 2.3	16.0 ± 1.2
35-44 Years	47.0 ± 5.7	45.8 ± 5.7	7.3 ± 3.0	17.9 ± 1.2
45-54 Years	42.7 ± 7.2	46.0 ± 7.2	11.4 ± 4.5	19.7 ± 1.7
55-64 Years	42.1 ± 9.2	46.0 ± 9.5	11.9 ± 6.7	18.9 ± 2.0
65-74 Years	57.1 ± 11.3	35.1 ± 11.0	7.9 ± 5.0	16.3 ± 2.8
75+ Years	52.2 ± 3.0	40.9 ± 2.9	6.9 ± 1.5	15.2 ± 6.4
GENDER				
Male	48.9 ± 4.4	42.7 ± 4.4	8.4 ± 2.4	17.9 ± 1.0
Female	55.6 ± 4.0	39.0 ± 3.9	5.4 ± 1.7	15.9 ± 0.8
RACE				
White	48.4 ± 3.2	44.0 ± 3.2	7.6 ± 1.7	17.8 ± 0.7
African American	76.2 ± 8.0	22.8 ± 7.9	na na ¹	11.3 ± 1.5
EDUCATION				
Less than High School	43.8 ± 7.8	45.7 ± 7.8	10.6 ± 4.5	19.2 ± 2.0
High School Graduate	48.2 ± 4.7	45.5 ± 4.6	6.4 ± 2.3	17.6 ± 0.9
Some College	58.2 ± 5.4	35.8 ± 5.2	6.0 ± 2.5	16.0 ± 1.1
College Graduate	60.6 ± 8.1	32.9 ± 7.7	6.6 ± 4.0	14.2 ± 1.8
HOUSEHOLD INCOME				
<\$10,000	56.7 ± 11.7	32.7 ± 11.0	10.6 ± 7.4	15.9 ± 3.3
\$10,000-19,999	51.5 ± 7.6	44.0 ± 7.6	4.6 ± 2.9	17.2 ± 1.6
\$20,000-34,999	51.4 ± 5.5	42.5 ± 5.4	6.1 ± 2.6	16.9 ± 1.1
\$35,000-50,000	51.5 ± 6.7	40.3 ± 6.5	8.2 ± 3.6	17.5 ± 1.4
>\$50,000	48.9 ± 6.6	42.9 ± 6.5	8.3 ± 3.5	17.5 ± 1.4

¹ Confidence interval exceeds range of possible estimates.

TABLE 10 Alcohol Use Indicators Michigan Adults, 1996 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Consumed Any in Past Month ¹	Heavy Drinking ²
TOTAL	56.7 ± 2.1	4.6 ± 1.0
AGE		
18-24 Years	74.4 ± 6.0	10.3 ±4.2
25-34 Years	63.7 ± 4.4	7.5 ±2.5
35-44 Years	60.7 ± 4.6	3.7 ±1.9
45-54 Years	55.2 ± 5.1	1.5 ±1.0
55-64 Years	46.1 ± 6.4	3.4 ±2.4
65-74 Years	41.9 ± 6.7	na na ³
75+ Years	30.3 ± 8.0	na na ³
GENDER		
Male	66.6 ± 3.1	8.5 ±1.9
Female	47.9 ± 2.9	1.1 ±0.6
RACE		
White	58.9 ± 2.3	5.1 ±1.1
African American	43.8 ± 6.6	na na ³
EDUCATION		
Less than High School	42.2 ± 6.9	4.4 ±3.2
High School Graduate	50.0 ± 3.7	4.7 ±1.6
Some College	61.1 ± 3.9	5.9 ±1.9
College Graduate	67.3 ± 3.9	2.9 ±1.5
HOUSEHOLD INCOME		
<\$10,000	37.9 ± 9.9	na na ³
\$10,000-19,999	40.4 ± 5.8	4.3 ±2.5
\$20,000-34,999	53.9 ± 4.2	6.8 ±2.3
\$35,000-50,000	61.8 ± 5.0	4.3 ±2.1
>\$50,000	71.1 ± 3.8	4.2 ±1.7
¹ Proportion of respondents who reported having had at least one alcoholic drink in the past month. ² Heavy drinking was defined as sixty or more alcoholic beverages on average consumed in the past month. ³ Confidence interval (95%) exceeds range of possible estimates.		

TABLE 11 Alcohol Use Indicators Michigan Adults, 1996 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Binge Drinking ¹	Drinking and Driving ²
TOTAL	19.0 ± 1.7	4.8 ± 0.9
AGE		
18-24 Years	38.0 ± 6.8	5.9 ± 3.3
25-34 Years	29.2 ± 4.1	7.2 ± 2.3
35-44 Years	18.9 ± 3.6	4.6 ± 2.0
45-54 Years	14.2 ± 3.6	3.9 ± 2.1
55-64 Years	8.8 ± 3.7	1.6 ± 1.5
65-74 Years	4.2 ± 2.8	2.7 ± 2.1
75+ Years	1.4 ± 2.0	6.6 ± 5.1
GENDER		
Male	28.5 ± 3.0	7.6 ± 1.8
Female	10.6 ± 1.8	2.2 ± 0.8
RACE		
White	20.4 ± 1.9	4.6 ± 1.0
African American	11.0 ± 4.1	5.6 ± 3.2
EDUCATION		
Less than High School	12.0 ± 4.5	6.2 ± 3.3
High School Graduate	17.9 ± 2.9	5.1 ± 1.7
Some College	25.1 ± 3.6	4.4 ± 1.6
College Graduate	16.3 ± 3.2	4.0 ± 1.7
HOUSEHOLD INCOME		
<\$10,000	20.2 ± 8.7	6.1 ± 4.8
\$10,000-19,999	17.6 ± 4.7	4.7 ± 2.4
\$20,000-34,999	16.3 ± 3.2	4.8 ± 1.9
\$35,000-50,000	25.2 ± 4.5	6.1 ± 2.4
>\$50,000	22.2 ± 3.5	4.4 ± 1.7
¹ Proportion of respondents who reported that they had had five or more alcoholic beverages per occasion at least once in the past month. ² Proportion of respondents who said they had driven a car after having had “perhaps too much to drink”.		

TABLE 12 Car Safety Restraint Use Indicators Michigan, 1996 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Adult Always Uses Safety Belt ¹	Child Always Uses Safety Seat ²
TOTAL	73.1 ± 2.0	79.8 ± 4.9
AGE		
18-24 Years	60.2 ± 6.8	- -
25-34 Years	68.8 ± 4.3	- -
35-44 Years	76.7 ± 3.9	- -
45-54 Years	74.9 ± 4.5	- -
55-64 Years	74.6 ± 5.8	- -
65-74 Years	79.8 ± 5.5	- -
75+ Years	81.8 ± 6.6	- -
GENDER		
Male	65.3 ± 3.2	- -
Female	80.0 ± 2.3	- -
RACE		
White	74.3 ± 2.1	- -
African American	64.9 ± 6.4	- -
EDUCATION		
Less than High School	67.9 ± 6.6	- -
High School Graduate	70.0 ± 3.4	- -
Some College	73.1 ± 3.6	- -
College Graduate	80.0 ± 3.4	- -
HOUSEHOLD INCOME		
<\$10,000	72.8 ± 8.4	45.9 ±32.7
\$10,000-19,999	74.5 ± 5.2	84.4 ±12.8
\$20,000-34,999	67.3 ± 4.1	80.5 ±10.1
\$35,000-50,000	67.6 ± 4.8	78.0 ±11.2
>\$50,000	79.5 ± 3.4	83.4 ± 7.8
¹ Proportion of respondents who reported always wearing their seat belt. ² Proportion of respondents who reported that children in their household age three years or younger always sit in a child safety seat when riding in a car. Respondent-level characteristics are not included for this household-level question.		

TABLE 13
Bicycle Helmet Use Indicators ¹
Ages 5 to 14
Michigan, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	Wears Bicycle Helmet Always ²	Wears Bicycle Helmet Never ³
TOTAL	20.3 ± 3.3	49.9 ± 4.2
AGE		
5-9 years	27.2 ± 4.9	39.5 ± 5.4
10-14 years	13.4 ± 3.4	59.9 ± 5.1
GENDER		
Male	18.8 ± 4.2	53.2 ± 5.3
Female	22.0 ± 4.5	46.1 ± 5.3
RACE		
White	22.3 ± 3.7	45.1 ± 4.5
African American	12.4 ± 8.1	70.6 ± 10.1
HOUSEHOLD INCOME		
<\$10,000	11.5 ± 12.5	80.3 ± 15.8
\$10,000-19,999	11.7 ± 7.9	66.0 ± 11.4
\$20,000-34,999	20.5 ± 6.8	49.8 ± 9.2
\$35,000-50,000	16.6 ± 7.2	53.3 ± 9.5
>\$50,000	26.0 ± 5.9	38.6 ± 6.4

¹ Unlike other indicators, child helmet use data was collected by proxy from respondents with children between ages 5-14, for every child in this age range in the household.

² Estimated proportion of children age 5-14 who always wear their bicycle helmets.

³ Estimated proportion of children age 5-14 who never wear bicycle helmets.

TABLE 14 Clinical Breast Exam Indicators Female Adults Over 19 Years of Age Michigan, 1996 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Ever Had Clinical Breast Exam	Had Appropriate Clinical Breast Exam Screening ¹
TOTAL	91.1 ± 1.2	74.2 ± 1.8
AGE		
20-29 Years	87.6 ± 3.7	85.1 ± 4.0
30-39 Years	96.0 ± 1.6	90.0 ± 2.5
40-49 Years	95.8 ± 1.8	67.7 ± 4.3
50-64 Years	92.0 ± 2.3	68.4 ± 4.3
65+ Years	82.8 ± 3.5	56.2 ± 4.8
RACE		
White	91.9 ± 1.2	73.8 ± 2.0
African American	88.1 ± 4.0	78.0 ± 5.1
EDUCATION		
Less than High School	78.5 ± 5.2	56.0 ± 6.5
High School Graduate	89.7 ± 2.0	69.3 ± 3.2
Some College	93.7 ± 2.0	78.9 ± 3.2
College Graduate	96.2 ± 1.6	84.7 ± 3.0
HOUSEHOLD INCOME		
<\$10,000	77.2 ± 7.1	54.7 ± 8.5
\$10,000-19,999	85.5 ± 3.6	64.4 ± 5.0
\$20,000-34,999	90.4 ± 2.4	73.9 ± 3.6
\$35,000-50,000	95.0 ± 2.2	81.6 ± 3.9
>\$50,000	97.0 ± 1.5	81.0 ± 3.4
¹ Proportion of female respondents 20 years of age and older whose last clinical breast exam was within the previous three years for women 20-39 years and within the previous year for women 40 years of age and older. Respondents whose last clinical breast exam was done because of breast cancer or other breast problems were not included in this analysis.		

TABLE 15
Mammography Indicators
Female Adults Over 39 Years of Age
Michigan, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	Ever Had Mammogram	Appropriate Mammography Screening ¹	Appropriate Breast Screening ²
TOTAL	88.6 ± 1.7	65.2 ± 2.6	52.9 ± 2.7
AGE			
40-49 Years	86.7 ± 3.0	71.3 ± 4.2	56.9 ± 4.6
50-64 Years	92.0 ± 2.9	66.3 ± 4.5	57.1 ± 4.7
65+ Years	87.1 ± 3.1	57.8 ± 4.9	44.5 ± 4.9
RACE			
White	88.5 ± 1.8	64.7 ± 2.8	52.7 ± 2.9
African American	91.3 ± 4.5	69.5 ± 8.0	56.6 ± 8.4
EDUCATION			
Less than High School	83.3 ± 5.2	50.9 ± 7.6	36.6 ± 7.1
High School Graduate	88.5 ± 2.6	62.9 ± 4.2	49.7 ± 4.3
Some College	88.6 ± 3.3	69.2 ± 5.0	58.1 ± 5.4
College Graduate	92.7 ± 3.1	75.1 ± 5.2	65.4 ± 5.7
HOUSEHOLD INCOME			
<\$10,000	83.3 ± 6.8	47.2 ± 9.5	34.4 ± 9.1
\$10,000-19,999	84.7 ± 4.5	51.4 ± 6.7	38.1 ± 6.3
\$20,000-34,999	88.0 ± 3.3	64.4 ± 5.2	54.2 ± 5.4
\$35,000-50,000	92.7 ± 3.6	71.9 ± 6.7	59.0 ± 7.3
>\$50,000	89.8 ± 3.4	73.5 ± 5.2	62.3 ± 5.7
¹ Proportion of female respondents 40 years and older who reported having had a routine mammogram within two years for women aged 40-49 and within one year for women aged 50 and older. Respondents whose last mammogram was done because of breast cancer or other breast problems were not included in this analysis. ² Proportion of female respondents aged 40 and older who had both appropriate clinical breast exams and appropriate mammography screening.			

TABLE 16 Pap Test Screening Indicators Female Respondents Over 17 Years of Age Michigan, 1996 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Ever Had Pap Test	Appropriate Pap Test ¹
TOTAL	96.0 ± 1.2	84.1 ± 2.2
AGE		
18-29 Years	92.8 ± 4.0	91.5 ± 4.5
30-39 Years	98.1 ± 1.5	90.4 ± 3.5
40-49 Years	na na ²	88.8 ± 3.9
50-64 Years	96.8 ± 2.2	80.7 ± 5.3
65+ Years	95.2 ± 2.5	68.8 ± 6.4
RACE		
White	96.2 ± 1.2	83.7 ± 2.4
African American	96.3 ± 3.2	87.1 ± 5.9
EDUCATION		
Less than High School	89.9 ± 5.0	66.7 ± 8.3
High School Graduate	96.5 ± 1.8	83.5 ± 3.6
Some College	96.4 ± 2.1	85.3 ± 3.9
College Graduate	98.2 ± 1.6	92.7 ± 3.1
HOUSEHOLD INCOME		
<\$10,000	93.9 ± 5.9	67.7 ± 11.2
\$10,000-19,999	94.8 ± 3.0	73.0 ± 6.9
\$20,000-34,999	97.0 ± 1.9	86.3 ± 3.9
\$35,000-50,000	95.9 ± 3.0	87.5 ± 4.8
>\$50,000	97.0 ± 2.2	89.4 ± 3.6
¹ Proportion of all female respondents aged 18 and older who had a Pap test within the previous three years. Respondents whose last Pap test was done because of a problem were not included in this analysis. ² Confidence interval (95%) exceeds range of possible estimates.		

TABLE 17
Indicators of Attitudes Toward Condom Use and Education
Respondents 18-64 Years of Age
Michigan, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	Mean Grade for AIDS Education ¹	Encourage Condom Use Among Sexually Active Teens ²	Condoms "Very Effective" ³
TOTAL	6.2 ± 0.6	88.4 ± 1.5	40.1 ± 2.3
AGE			
18-24 Years	5.2 ± 0.5	96.0 ± 2.3	47.7 ± 6.4
25-34 Years	6.7 ± 1.4	88.2 ± 3.3	44.2 ± 4.8
35-44 Years	6.4 ± 1.1	88.6 ± 2.8	35.1 ± 4.2
45-54 Years	5.8 ± 1.2	86.8 ± 3.5	41.6 ± 5.1
55-64 Years	6.9 ± 1.9	81.3 ± 5.0	30.5 ± 5.8
GENDER			
Male	6.7 ± 0.9	87.6 ± 2.3	42.5 ± 3.5
Female	5.8 ± 0.7	89.2 ± 1.9	37.7 ± 3.1
RACE			
White	6.3 ± 0.6	88.2 ± 1.6	39.1 ± 2.5
African American	5.0 ± 1.0	90.6 ± 4.1	48.2 ± 7.2
EDUCATION			
Less than High School	7.0 ± 2.2	90.8 ± 4.8	35.0 ± 8.0
High School Graduate	5.5 ± 0.7	87.9 ± 2.6	37.7 ± 4.0
Some College	6.9 ± 1.2	89.1 ± 2.5	39.5 ± 4.1
College Graduate	6.1 ± 1.1	87.5 ± 3.1	45.6 ± 4.5
HOUSEHOLD INCOME			
<\$10,000	5.6 ± 2.4	86.4 ± 7.7	38.8 ± 11.5
\$10,000-19,999	4.8 ± 1.0	92.7 ± 3.8	40.7 ± 7.7
\$20,000-34,999	6.7 ± 1.3	88.0 ± 3.0	35.9 ± 4.5
\$35,000-50,000	6.4 ± 1.2	86.0 ± 3.6	37.0 ± 5.0
>\$50,000	6.1 ± 1.0	89.8 ± 2.5	47.1 ± 4.0

¹ Of the respondents who indicated that children should received HIV/AIDS education, the mean grade at which this education should be received.

² Proportion of respondents who reported that if they had a teenager who was sexually active they would encourage him or her to use a condom. "Don't know" and "Would give other advice" were considered valid responses (0.8% and 9.0% respectively).

³ Proportion of respondents who thought a properly used condom is very effective in preventing AIDS. "Don't know" was considered a valid response (6.3%).

TABLE 18 HIV/AIDS Screening Indicators Respondents 18-64 Years of Age Michigan, 1996 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Chance of Getting AIDS High or Medium ¹	Ever Tested for AIDS ²
TOTAL	6.2 ± 1.2	42.5 ± 2.3
AGE		
18-24 Years	11.4 ± 4.1	45.9 ± 6.4
25-34 Years	7.3 ± 2.6	59.6 ± 4.7
35-44 Years	5.6 ± 2.0	44.3 ± 4.3
45-54 Years	4.1 ± 2.1	30.4 ± 4.6
55-64 Years	2.2 ± 2.1	20.7 ± 5.2
GENDER		
Male	7.1 ± 1.9	44.8 ± 3.5
Female	5.4 ± 1.4	40.3 ± 3.1
RACE		
White	5.4 ± 1.2	40.9 ± 2.5
African American	11.9 ± 4.8	52.2 ± 7.1
EDUCATION		
Less than High School	7.8 ± 4.5	37.8 ± 7.9
High School Graduate	6.3 ± 2.1	39.8 ± 4.0
Some College	7.6 ± 2.3	45.4 ± 4.1
College Graduate	3.8 ± 1.6	44.1 ± 4.5
HOUSEHOLD INCOME		
<\$10,000	5.4 ± 6.5	50.5 ±11.7
\$10,000-19,999	8.7 ± 4.8	52.5 ± 7.7
\$20,000-34,999	8.3 ± 2.6	44.2 ± 4.6
\$35,000-50,000	5.2 ± 2.6	43.5 ± 5.2
>\$50,000	5.0 ± 1.8	38.6 ± 3.9
¹ Proportion of respondents who reported “high” or “medium” to the question “What are your chances of getting infected with HIV, the virus that causes AIDS?” “Don’t know” was considered a valid response (0.9%). ² Proportion of respondents who said “yes” to the question “Have you ever had your blood tested for HIV?” “Don’t know” was considered a valid response (2.2%).		

TABLE 19 Weight Status ¹ Michigan Adults, 1996 (in percentages with 95% confidence interval limits)			
Demographic Characteristics	Overweight	Healthy Range	Underweight
TOTAL	32.0 ± 1.5	62.5 ± 1.5	5.5 ± 0.7
AGE			
18-24 Years	16.2 ± 3.7	71.3 ± 4.5	12.5 ± 3.3
25-34 Years	26.7 ± 3.1	66.6 ± 3.3	6.7 ± 1.7
35-44 Years	33.3 ± 3.1	62.6 ± 3.2	4.1 ± 1.4
45-54 Years	40.7 ± 3.7	56.1 ± 3.7	3.2 ± 1.3
55-64 Years	40.8 ± 4.6	56.6 ± 4.6	2.5 ± 1.4
65-74 Years	37.4 ± 5.0	57.2 ± 5.1	5.4 ± 2.3
75+ Years	29.5 ± 5.8	68.2 ± 6.0	2.3 ± 2.0
GENDER			
Male	33.7 ± 2.3	61.3 ± 2.3	5.0 ± 1.1
Female	30.4 ± 1.9	63.7 ± 2.0	5.9 ± 1.0
RACE			
White	30.2 ± 1.6	63.9 ± 1.6	5.9 ± 0.8
African American	43.8 ± 4.8	54.1 ± 4.9	2.2 ± 1.3
EDUCATION			
Less than High School	38.8 ± 4.8	54.5 ± 4.9	6.6 ± 2.6
High School Graduate	34.1 ± 2.6	59.7 ± 2.7	6.2 ± 1.3
Some College	32.4 ± 2.7	62.8 ± 2.8	4.9 ± 1.3
College Graduate	25.7 ± 2.7	69.6 ± 2.9	4.8 ± 1.3
HOUSEHOLD INCOME			
<\$10,000	35.6 ± 6.4	55.5 ± 7.0	9.0 ± 4.4
\$10,000-19,999	36.4 ± 5.0	56.8 ± 5.2	6.8 ± 2.8
\$20,000-34,999	32.4 ± 2.8	61.6 ± 3.0	6.0 ± 1.5
\$35,000-50,000	33.1 ± 3.5	62.9 ± 3.5	4.1 ± 1.4
>\$50,000	29.8 ± 2.7	65.4 ± 2.8	4.9 ± 1.3
¹ Weight status categories were defined as follows: Overweight: ≥85th percentile BMI; Healthy Weight: >15th and <85th percentile BMI; Underweight: ≤15th percentile BMI. Pregnant women were excluded from this analysis.			

TABLE 20
Leisure-time Physical Activity Indicators ¹
Michigan Adults, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	No activity ²	Sedentary ³	No regular and sustained ⁴
TOTAL	23.1 ± 1.8	51.7 ± 2.1	77.2 ± 1.8
AGE			
18-24 Years	13.3 ± 4.3	47.4 ± 6.4	73.9 ± 5.7
25-34 Years	18.7 ± 3.8	50.0 ± 4.8	77.9 ± 3.9
35-44 Years	18.8 ± 3.4	49.8 ± 4.3	78.7 ± 3.4
45-54 Years	25.8 ± 4.5	48.6 ± 5.1	79.0 ± 4.1
55-64 Years	25.1 ± 5.6	54.4 ± 6.2	74.2 ± 5.4
65-74 Years	33.8 ± 6.6	53.5 ± 7.0	73.1 ± 6.4
75+ Years	46.0 ± 8.8	73.4 ± 7.7	83.9 ± 6.4
GENDER			
Male	20.4 ± 2.7	49.1 ± 3.3	75.0 ± 2.8
Female	25.6 ± 2.5	54.0 ± 2.8	79.1 ± 2.2
RACE			
White	21.6 ± 1.9	50.7 ± 2.3	76.5 ± 2.0
African American	32.3 ± 6.1	56.6 ± 6.5	81.6 ± 4.8
EDUCATION			
Less than High School	44.2 ± 6.4	66.3 ± 6.1	81.1 ± 5.0
High School Graduate	28.2 ± 3.3	58.2 ± 3.6	79.4 ± 3.0
Some College	17.6 ± 3.0	46.9 ± 4.0	75.4 ± 3.4
College Graduate	12.3 ± 2.8	39.9 ± 4.2	73.8 ± 3.8
HOUSEHOLD INCOME			
<\$10,000	36.3 ± 9.0	59.4 ± 9.4	75.1 ± 8.4
\$10,000-19,999	37.4 ± 6.0	62.7 ± 5.9	81.2 ± 4.7
\$20,000-34,999	25.9 ± 3.8	55.5 ± 4.2	77.7 ± 3.5
\$35,000-50,000	20.4 ± 4.0	49.8 ± 5.0	74.7 ± 4.4
>\$50,000	13.7 ± 2.7	43.3 ± 3.9	76.3 ± 3.3

¹ Estimates from BRFS-1 only.

² Proportion of respondents who said they did not participate in any physical activities, recreation, or exercises in their leisure time (such as running, golf, or walking for exercise) within the past month.

³ Sedentary classification was defined as those reporting participation in leisure-time physical activities (such as running, golf, or walking for exercise) for less than three or more times per week for a minimum of 20 minutes per session, within the past month.

⁴ Proportion of respondents who said they did not engage in leisure-time physical activity (such as running, golf, or walking for exercise) for a minimum of 30 minutes 5 times per week, within the past month.

TABLE 21 Consumption of Fruits and Vegetables Michigan, 1996 (in percentages with 95% confidence interval limits)			
Demographic Characteristics	Fruit & Fruit Juices (mean times per day) ¹	Vegetables (mean times per day) ²	5 Fruits and Vegetables Daily (percentages) ³
TOTAL	1.6 ± 0.1	2.1 ± 0.1	22.1 ± 1.7
AGE			
18-24 Years	1.6 ± 0.2	1.7 ± 0.1	16.3 ± 4.7
25-34 Years	1.6 ± 0.1	1.9 ± 0.1	21.9 ± 3.9
35-44 Years	1.4 ± 0.1	2.2 ± 0.1	17.9 ± 3.2
45-54 Years	1.5 ± 0.1	2.2 ± 0.1	20.9 ± 4.0
55-64 Years	1.6 ± 0.1	2.4 ± 0.1	25.5 ± 5.4
65-74 Years	1.7 ± 0.1	2.3 ± 0.2	22.5 ± 5.6
75+ Years	2.3 ± 0.2	2.7 ± 0.2	47.9 ± 8.9
GENDER			
Male	1.4 ± 0.1	1.9 ± 0.1	15.9 ± 2.4
Female	1.7 ± 0.1	2.3 ± 0.1	27.5 ± 2.5
RACE			
White	1.6 ± 0.1	2.2 ± 0.1	22.3 ± 1.9
African American	1.7 ± 0.2	2.0 ± 0.2	20.2 ± 4.9
EDUCATION			
Less than High School	1.5 ± 0.1	2.1 ± 0.2	19.2 ± 4.9
High School Graduate	1.4 ± 0.1	2.1 ± 0.1	19.5 ± 2.8
Some College	1.7 ± 0.1	2.1 ± 0.1	23.0 ± 3.3
College Graduate	1.8 ± 0.1	2.3 ± 0.1	26.6 ± 3.7
HOUSEHOLD INCOME			
<\$10,000	1.6 ± 0.3	2.2 ± 0.3	22.4 ± 7.6
\$10,000-19,999	1.6 ± 0.1	2.1 ± 0.2	20.8 ± 4.6
\$20,000-34,999	1.6 ± 0.1	2.1 ± 0.1	22.5 ± 3.5
\$35,000-50,000	1.5 ± 0.1	2.2 ± 0.1	23.8 ± 4.2
>\$50,000	1.6 ± 0.1	2.2 ± 0.1	21.2 ± 3.2
¹ Sum of reported frequencies of usual fruit juice and fruit consumption (two questions). ² Sum of reported frequencies of usual consumption of green salad, potatoes, carrots, and all other vegetables (four questions). ³ Proportion of respondents whose total reported consumption of fruits (including juice) and vegetables was five or more servings per day.			

TABLE 23
Action Taken to Reduce Risk of Cardiovascular Disease
Michigan, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	Eating Fewer High Fat/Cholesterol Foods ¹	Exercise More to Reduce Risk ²
TOTAL	72.6 ± 2.0	50.9 ± 2.2
AGE		
18-24 Years	59.9 ± 6.9	60.6 ± 6.9
25-34 Years	69.0 ± 4.2	53.5 ± 4.5
35-44 Years	73.4 ± 4.1	53.9 ± 4.6
45-54 Years	80.4 ± 4.2	51.8 ± 5.2
55-64 Years	77.4 ± 5.5	45.8 ± 6.4
65-74 Years	82.1 ± 5.2	41.3 ± 6.7
75+ Years	64.0 ± 8.1	35.3 ± 7.9
GENDER		
Male	66.8 ± 3.2	47.6 ± 3.3
Female	77.8 ± 2.4	53.9 ± 2.8
RACE		
White	73.3 ± 2.1	50.0 ± 2.4
African American	69.6 ± 6.1	56.2 ± 6.6
EDUCATION		
Less than High School	63.1 ± 6.7	40.5 ± 6.8
High School Graduate	67.4 ± 3.5	48.2 ± 3.7
Some College	73.9 ± 3.6	56.1 ± 4.0
College Graduate	82.5 ± 3.2	53.3 ± 4.2
HOUSEHOLD INCOME		
<\$10,000	68.6 ± 9.3	53.4 ± 10.0
\$10,000-19,999	69.3 ± 5.4	45.4 ± 5.8
\$20,000-34,999	68.0 ± 4.0	48.6 ± 4.3
\$35,000-50,000	73.5 ± 4.5	53.9 ± 5.1
>\$50,000	78.9 ± 3.5	56.2 ± 4.2

¹ The proportion of respondents who reported eating fewer high fat or high cholesterol foods to lower the risk of heart disease or stroke.

² The proportion of respondents who reported exercising more to lower the risk of heart disease or stroke.

TABLE 22
Cardiovascular Disease Indicators
Michigan, 1996
(in percentages with 95% confidence interval limits)

Demographic Characteristics	Ever Told Had Heart Attack or Myocardial Infarction ¹	Ever Told Had Angina or Coronary Heart Disease ²	Ever Told Had Stroke ³
TOTAL	4.1 ± 0.9	4.2 ± 0.9	2.7 ± 0.7
AGE			
18-44 Years	0.9 ± 0.6	0.7 ± 0.5	0.7 ± 0.5
45-54 Years	2.3 ± 1.7	3.8 ± 2.0	0.7 ± 0.8
55-64 Years	6.8 ± 3.2	9.2 ± 3.7	6.0 ± 3.1
65-74 Years	12.1 ± 4.7	9.7 ± 4.2	7.3 ± 3.6
75+ Years	18.4 ± 6.4	18.4 ± 6.4	10.9 ± 5.4
GENDER			
Male	4.8 ± 1.4	5.1 ± 1.4	3.3 ± 1.2
Female	3.5 ± 1.0	3.4 ± 1.0	2.1 ± 0.8
RACE			
White	3.9 ± 0.9	4.2 ± 0.9	2.6 ± 0.7
African American	5.6 ± 3.1	3.5 ± 2.2	3.3 ± 2.2
EDUCATION			
Less than High School	13.9 ± 5.0	9.5 ± 4.2	8.1 ± 3.8
High School Graduate	3.0 ± 1.3	3.4 ± 1.3	2.9 ± 1.2
Some College	3.4 ± 1.4	4.4 ± 1.5	1.4 ± 0.8
College Graduate	2.3 ± 1.3	2.4 ± 1.2	1.7 ± 1.2
HOUSEHOLD INCOME			
<\$10,000	8.7 ± 5.4	6.9 ± 3.7	6.5 ± 4.0
\$10,000-19,999	10.6 ± 3.8	8.7 ± 3.4	6.0 ± 2.9
\$20,000-34,999	4.3 ± 1.9	4.1 ± 1.8	3.1 ± 1.5
\$35,000-50,000	2.0 ± 1.6	3.2 ± 1.9	2.1 ± 1.5
>\$50,000	1.8 ± 1.1	1.9 ± 1.1	na ± na ⁴

¹ Proportion of respondents who reported that they had ever been told by a doctor that they had a heart attack or myocardial infarction.

² Proportion of respondents who reported that they had ever been told by a doctor that they had angina or coronary heart disease.

³ Proportion of respondents who reported that they had ever been told by a doctor that they had a stroke.

⁴ Confidence interval (95%) exceeds range of possible estimates.

TABLE A.1
Comparison of the Combined 1996 BRFs Sample Distributions
With 1995 Census Distributions for Michigan
(In Percentages)

Demographic Characteristics	Unweighted Sample	Weighted Sample ¹	1995 Population Estimates ²
AGE			
18-24 Years	10.4	13.1	13.2
25-34 Years	20.7	20.8	20.6
35-44 Years	23.1	21.8	22.3
45-54 Years	17.7	15.8	16.3
55-64 Years	11.0	10.9	10.8
65-74 Years	9.7	10.6	9.5
75+ Years	6.7	6.2	7.3
Missing	0.7	0.7	—
GENDER			
Male	41.8	47.0	47.8
Female	58.2	52.9	52.2
RACE			
White	83.8	84.4	84.9
African American	11.1	12.8	13.2
Other	4.2	2.1	1.9
Missing	0.8	0.7	—
¹ Weighted to account for the probabilities of selection at the phone number and household levels, and conditionally adjusted to the 1995 Michigan intercensal estimates by age, sex, and race. ² Source: Office of the State Demographer, Michigan Department of Management and Budget, 1995.			

TABLE A.2
Comparison of the Combined 1996 BRFs Sample Distributions
With 1990 Census Distributions for Michigan
(In Percentages)

Demographic Characteristics	Unweighted Sample	Weighted Sample ¹	1990 Population Estimates ²
EDUCATION			
Less than High School	10.5	11.0	23.0
High School Graduate	33.8	34.8	31.9
Some College	29.5	29.7	29.3
College Graduate	25.6	23.9	15.8
Missing	0.5	0.5	—
HOUSEHOLD INCOME			
<\$10,000	5.3	4.6	15.6
\$10,000-19,999	13.5	12.1	40.3 ³
\$20,000-34,999	26.4	26.1	— ³
\$35,000-50,000	17.6	18.6	18.7
>\$50,000	27.5	28.2	25.4
Missing	9.6	10.3	—
EMPLOYMENT STATUS (age 20-64)			
Employed	65.8	65.7	72.8
Unemployed	3.0	3.0	4.6
Not in labor force	27.1 ⁴	27.8 ⁴	22.2
Unable to work	3.7	3.2	— ⁵
Missing	0.4	0.4	—
MARITAL STATUS			
Married	52.4	58.5	57.1
Divorced/Separated	14.8	10.8	11.6
Widowed	9.7	7.1	7.6
Never married	18.4	18.5	23.7
Unmarried couple	2.2	2.5	— ⁵
Missing	2.5	2.5	—

¹ Weighted to account for the probabilities of selection at the phone number and household levels, and conditionally adjusted to the 1995 Michigan intercensal estimates by age, sex, and race.

² Source: U.S. Bureau of the Census, 1990.

³ Household income \$10,000 to \$34,999.

⁴ Includes homemakers, students, and retired persons.

⁵ No comparable category in the census.